

(Term)	Week:	Topic	Topic Lesson No	Can I	White Rose Step	
Autumn	1	Electricity	1	Can I identify common appliances that run on electricity?	1	
	2		2	Can I build and draw series circuits?	2	
	3		3	Can I troubleshoot circuits?	3	
	4		4	Can I investigate conductors and insulators?	4	
	5		5	Can I investigate what materials are conductors and insulators?	5	
	6		6			
	7		7	Double page spread		
	8	Skeletons [Year 3] + nutrition and diet [year 3] (merged and renamed 'animals including humans')	1	Can I identify and name bones in the human body?	S: 1 & 2	
	9		2	Can I identify and name bones in a range of animals?	S: 3	
	10		3	Can I identify animals without a spine?	S: 4	
	11		4	Can I name the different food groups?	N: 1 & 2	
	12		5	Can I explain why we need a balanced diet?	N: 3	
	13		6	Can I tell the difference between a herbivore, carnivore and omnivore?	N: 4 & 5	
Spring	14	Rocks	1	Can I identify rocks based on their properties?	1	
	15		2	Can I group rocks based on their properties?	2	
	16		3	Can I test rocks?	3 & 4	
	17	Fossils	1	Can I explain what a fossil is?	1	
	18		2	Can I explain how a fossil is formed?	2	
	19	Soils	1	Can I describe the features of different soils?	1	
20	2		Can I explain why soil is important for living things?	2		
	21	Sound	1	Can I explain what the term vibration means?	1	
	22		2	Can I explain how sound travels through the ear?	2	
	23		3	Can I explain that sound is measured in decibels?	3	
	24		4	Can I explore how the strength of the vibrations affects the volume of a sound?	4	
	25		5	Can I explain the term pitch?	5	
	26		6	Can I investigate how the distance from the sound source affects the volume of a sound?	6, 7 & 8	
Summer	27	Plants	1	Can I label the parts of a plant and explain their functions?	1 & 2	
	28		2	Can I explain the function of the stem and water transportation in plants?	5	
	29		3	Can I explain the function of seeds and describe seed dispersal?	6 & 9	
	30		4	Can I explain pollination?	7 & 8	
	31		5	Can I describe the life cycle of plants?	10	
	32	Forces	1	Can I explain what a force is?	1	
33	2		Can I explain the importance of friction?	2		
	34	Magnets	1	Can I explain what a magnet is?	1	
	35		2	Can I investigate which materials are magnetic?	2 & 3	
	36		3	Can I explain the terms attract and repel?	4	